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Ontario

Ministry of Training,
Colleges and Universities

MODULAR TRAINING STANDARDS

Surface Miner

MODULAR TRAINING STANDARDS

Surface Miner

Program #770210

Development date: December 1999
Printing date: June 2000

This document is the property of the apprentice named inside and represents the official record of his/her training.

Ministry of Training,
Colleges and Universities

Printed on recycled paper ISBN 0-7778-9658-3 © Queen's Printer for Ontario, 2000 00-129

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Competency Analysis Profile

PREFACE

This training document was developed by the Program Development and Standards Unit of the Ministry of Training, Colleges and Universities(MTCU) in consultation with representatives from the industry. These Training Standards are intended to be used by workers/trainees, instructors and companies as a "blueprint" for training or as a prerequisite for MTCU accreditation/certification.

Accreditation Requirements for the Surface Miner Program: Two accreditations are available in the Surface Miner program: a Certificate of Achievement (C of A), or a Certificate of Qualification (C of Q). To be eligible for the C of A, the worker must complete a combination of the 12 required modules from sections 1-5, plus any other 4 modules from sections 1-5. For C of Q accreditation, the worker must complete the 12 required modules from sections 1-5, plus any other 4 modules from sections 1-5, and all three modules of section 6. Please note that workers must be trained in their area(s) of work.

Section 1 : Common Core (mandatory modules)
Modules to be completed, 3 of 3.

U5030 Work Safely in the Job Environment.
U5031 Lock out and Tag Equipment and Energy.
U5032 Operate Hand and Power Tools.

Section 2 : Production.
Modules to be completed, 2 of 7.

U5034 Operate Hydraulic Excavator.
U5035 Operate Skid Steer.
U5036 Operate Bulldozer.
U5037 Operate Scraper.
U5038 Operate Grader.
U5039 Operate Front End Loader.
U5042 Operate Haulage Truck.

Section 3 : Service Vehicles.
Modules to be completed, 2 of 5.
Mandatory requirement: One of the Operate Fuel Truck or Operate Water Truck Modules must be done.

U5040 Operate Fuel Truck.
U5041 Operate Service Vehicle.
U5033 Operate Elevating Work Platform (Scissor Lift).
U5043 Operate Water Truck.
U5044 Operate Forklift.

PREFACE - Cont'd

Section 4 : Conveyors, Crushers and Screens.
Modules to be completed, 3 of 6 with 1 taken from each of the 3 areas.

4a. Conveyors:
Complete 1 of the 2 conveyor modules.

U5045 Operate Portable Conveyor.
U5046 Operate Stationary and Radial Stacker Conveyor.

4b. Crushers:
Complete 1 of the 2 crusher modules.

U5047 Operate Portable Crusher.
U5048 Operate Stationary Crusher.

4c. Screens:
Complete 1 of the 2 screen modules.

U5049 Operate Portable Screen.
U5050 Operate Stationary Screen.

Section 5 : Auxiliary Equipment.
Modules to be completed, 2 of 4.

U5051 Operate Generator over 10kVA.
U5052 Operate Portable Pump.
U5053 Operate Compressor.
U5057 Operate Flame Cutting Equipment.

Section 6 : Drilling and Blasting. (Required only for Certificate of Qualification accreditation).
Modules to be completed, 3 of 3.

U5054 Operate Hydraulic Drill.
U5055 Handle Blasting Agents, Explosives and Detonators.
U5056 Blast Rock.

PREFACE Cont'd

Accreditation Summary

For the Certificate of Achievement:

Section	#Modules Required	#Modules Available
• Common Core	3	3
• Production	2	7
• Service Vehicles	2	5
• Conveyors	1	2
• Crushers	1	2
• Screens	1	2
• Auxiliary Equipment	2	4
plus any other 4 modules from sections 2-5	4	
Totals	16	25

NOTE: To be eligible for a Certificate of Qualification the worker must be accredited with the Certificate of Achievement and have completed the 3 modules of section 6.

The care and maintenance of this book is the joint responsibility of the worker/trainee and the employer. The Training Standards were developed specifically for documenting the worker's/trainee's acquisition of skills.

The book becomes the only record of a worker's/trainee's training.
Throughout the document the term including is often used. Including means: one or more of the items listed, but not limited to those items included in the list.

IMPORTANT DIRECTIONS TO TRAINERS

The Training Standards identify skills required for this occupation and its related training program.

These Training Standards have been written in concise statements which describe how well a worker/trainee must perform each skill in order to become competent.

In using these Training Standards, trainers will be able to ensure that the worker/trainee is developing skills detailed for the occupation.

Trainers and workers/trainees are required to sign off and date the skills following each successful acquisition.

Employers participating in this training program will be designated as the Signing Authority and are required to attest to successful achievement by signing on the appropriate line included at the end of each unit.

IMPORTANT DIRECTIONS TO THE TRAINEE

Trainee

1. All hours worked for each employer(s) should be recorded in the Employer Information section.

2. It is the responsibility of the worker/trainee to inform the local Apprenticeship and Client Services office regarding the following changes:

   - change of worker/trainee's name or address;
   - transfer to a new employer.

3. Training Reports must be signed for modular trainees by MTCU designated Signing Authority and forwarded to a local Apprenticeship and Client Services office.

4. At the completion of training, the Training Completion Form must be completed and signed off by the Signing Authority and submitted to the local Apprenticeship and Client Services office.

NOTICE/DECLARATION FOR COLLECTION OF PERSONAL INFORMATION

1. This information is collected under the authority of the Order-In-Council Number 701/85.

2. The information is collected for the purpose of administering this modular training program within the Province of Ontario.

3. Questions regarding collection and use of this information may be directed to:

Director of Apprenticeship
Workplace Support Services Branch
Ministry of Training, Colleges and Universities
17th Floor, Mowat Block
900 Bay Street
Toronto, ON M7A 1L2
(416) 326-5605

TRAINEE RECORD

Trainee Name: _____

Contract Number: _____
(If applicable)

EMPLOYER INFORMATION

Company: _____

Address: _____

_____

Telephone: _____

SUMMARY OF HOURS:

Dates of Employment: _____ _____
From To

Total hours of Training and Instruction between dates of Employment _____ Hours

_____	_____	_____	_____
Employer Signature	Date	Trainee Signature	Date

EMPLOYER INFORMATION

Company: _____

Address: _____

_____

Telephone: _____

SUMMARY OF HOURS:

Dates of Employment: _____ _____
From To

Total hours of Training and Instruction between dates of Employment ____ Hours

_____	_____	_____	_____
Employer Signature	Date	Trainee Signature	Date

EMPLOYER INFORMATION

Company: _____

Address: _____

_____

Telephone: _____

SUMMARY OF HOURS:

Dates of Employment: _____ _____
From To

Total hours of Training and Instruction between dates of Employment ____ Hours

_____	_____	_____	_____
Employer Signature	Date	Trainee Signature	Date

EMPLOYER INFORMATION

Company: _____

Address: _____

_____

Telephone: _____

SUMMARY OF HOURS:

Dates of Employment: _____ _____
From To

Total hours of Training and Instruction between dates of Employment ____ Hours

_____	_____	_____	_____
Employer Signature	Date	Trainee Signature	Date

EMPLOYER INFORMATION

Company: _____

Address: _____

_____

Telephone: _____

SUMMARY OF HOURS:

Dates of Employment: _____ _____
From To

Total hours of Training and Instruction between dates of Employment ____ Hours

_____	_____	_____	_____
Employer Signature	Date	Trainee Signature	Date

TRAINEE COMPLETION FORM

Trainee Name _____
Print

_____
Signature

_____
Social Insurance Number

Training Units when completed should be Signed off by Trainer/ Signing Authority on the following page and presented with this completion form to your local Apprenticeship Client Services office. Any supporting documentation should also be attached.

In-School Completed: (proof to be provided) Yes ( ) No ( ) Not Applicable ( )

Hours completed as per Contract: Yes ( ) No ( ) Not Applicable ( )

Employer Name: _____

Address: _____

Telephone: _____

Signing Authority: _____
Signature

MTCU USE ONLY:

Recommended for Exam: Yes ( ) No ( )

_____ _____
Signature Consultant/Office Code

TRAINING UNIT COMPLETION FORM

TRAINING UNIT	TITLE	SIGNING AUTHORITY
U5030	Work Safely In the Job Environment	_____
U5031	Lock Out and Tag Equipment and Energy	_____
U5032	Operate Hand and Power Tools	_____
U5033	Operate Elevating Work Platform (Scissor Lift)	_____
U5034	Operate Hydraulic Excavator	_____
U5035	Operate Skid Steer	_____
U5036	Operate Bulldozer	_____
U5037	Operate Scraper	_____
U5038	Operate Grader	_____
U5039	Operate Front End Loader	_____
U5040	Operate Fuel Truck	_____
U5041	Operate Service Vehicle	_____
U5042	Operate Haulage Truck	_____
U5043	Operate Water Truck	_____
U5044	Operate Fork Lift	_____
U5045	Operate Portable Conveyor	_____
U5046	Operate Stationary and Radial Stacker Conveyor	_____
U5047	Operate Portable Crusher	_____

TRAINING UNIT COMPLETION FORM - cont'd

TRAINING UNIT	TITLE	SIGNING AUTHORITY
U5048	Operate Stationary Crusher	_____
U5049	Operate Portable Screen	_____
U5050	Operate Stationary Screen	_____
U5051	Operate Generator over 10 kVA	_____
U5052	Operate Portable Pump	_____
U5053	Operate Compressor	_____
U5054	Operate Hydraulic Drill	_____
U5055	Handle Blasting Agents, Explosives and Detonators	_____
U5056	Blast Rock	_____
U5057	Operate Flame Cutting Equipment	_____

U5030.0 WORK SAFELY IN THE JOB ENVIRONMENT

GENERAL PERFORMANCE OBJECTIVE

Work safely in the job environment, by wearing, adjusting and maintaining personal protective equipment and fall arrest systems; dealing with hazardous and/or potentially hazardous conditions and materials; manually lifting and carrying materials; working around quarry drilling, mobile, stationary and portable equipment; working around operating conveyors; working in and around water; working in elevated areas and from elevated platforms; practising good housekeeping; following company emergency procedures and performing traffic control.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5030.01 Wear, adjust and maintain personal protective equipment, including: face shield, head, eye, ear, hand, foot and respiratory protectors to ensure optimum protection according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.02 Wear, adjust and maintain fall arrest systems, to provide optimum protection according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.0 WORK SAFELY IN THE JOB ENVIRONMENT - Cont'd

U5030.03 Deal with hazardous or potentially hazardous conditions in the work place, by identifying and reporting hazards; handling hazardous materials; guarding the hazard (s); cleaning up spills and/or leaks; and evacuating the area according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.04 Work safely around hazardous materials, by identifying hazardous materials and referring to Material Safety Data Sheets (MSDS); using personal protective equipment; locating first aid facilities and observing warning signals, alarms and signs according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.05 Manually lift and carry materials and/or supplies, by ensuring sound footing and a clear path; lifting using legs; bending knees with a smooth motion; and seeking assistance according to safety legislation and company standards.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.06 Work around quarry drilling equipment and components, by using personal protective equipment; observing safety signs, warning signals and devices; working from safe locations and reporting hazardous and/or potentially hazardous conditions according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.0 WORK SAFELY IN THE JOB ENVIRONMENT - Cont'd

U5030.07 Work around mobile equipment, by obeying vehicle warning signals and alarms; yielding the right of way to the vehicle; remaining visible; maintaining a safe distance from the vehicle; using hand signals; and staying clear of suspended loads according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.08 Operate communication equipment, including: sirens, alarms, radios and telephones to ensure safety and job effectiveness according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.09 Work from elevated work stations, by mounting and dismounting using 3 point contact; ensuring clearance and headroom; and wearing a fall arrest system according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.10 Work in elevated areas, including: banks, berms, benches, quarry rims and temporary ramps, by working from a safe location according to safety legislation and company standards.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.0 WORK SAFELY IN THE JOB ENVIRONMENT - Cont'd

U5030.11 Work in and around water, by ensuring sound machine footing; placing banks and berms; following rescue procedures; and ensuring rescue equipment, including: boats and flotation devices, are in place and good condition according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.12 Practise good housekeeping, by maintaining a safe, clean and orderly workplace; reporting defects to tools and equipment; disposing of waste materials; and cleaning tools and equipment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.13 Work around stationary and portable equipment, by staying outside of guards and barricades; wearing personal protective equipment; working from a safe location; observing alarms and warning systems; maintaining distance from equipment; and communicating with co-workers according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.14 Work around operating conveyor(s), when conveyor is stopped, by wearing personal protective equipment; working from a safe location; maintaining distance from rotating or moving components; locking out and tagging; cleaning up around conveyor; removing jams or blockages; ensuring guards remain in place; communicating with co-workers; and activating pull cord to shut down conveyor in an emergency situation according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.0 WORK SAFELY IN THE JOB ENVIRONMENT - Cont'd

U5030.15 Follow company emergency procedures, by referring to the company emergency response plan; and observing established rules and guidelines according to company policy.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5030.16 Perform traffic control, by observing established rules and guidelines according to safety legislation and company standards.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5031.0 LOCK OUT AND TAG EQUIPMENT AND ENERGY

GENERAL PERFORMANCE OBJECTIVE

Lock out and tag equipment and energy including: electrical, mobile/portable and stored and potential energy.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5031.01 Lock out and tag electrical equipment, for repair or maintenance, by isolating the power supply; ensuring 'start/stop' switch is disconnected; shutting off breaker; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5031.02 Lock out and tag mobile or portable equipment, by isolating the power supply; ensuring clutch is locked out and, start/stop' switch is disconnected; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5031.03 Lock out and tag stored energy, including: hydraulic and pneumatic by eliminating the power supply; releasing pressure, by bleeding, venting or blanking lines; ensuring start/stop' switch is disconnected; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5031.0 LOCK OUT AND TAG EQUIPMENT AND ENERGY - Cont'd

U5031.04 Lock out and tag potential energy, by isolating the power supply; ensuring start/stop switch is disconnected; securing equipment to prevent motion; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____
	Employer's Name	Employer's Signature
	_____	_____

U5032.0 OPERATE HAND AND POWER TOOLS

GENERAL PERFORMANCE OBJECTIVE

Operate hand and power tools, using personal protective equipment, by operating, maintaining and storing hand, electrically powered, pneumatic and/or hydraulic tools; and inspecting and setting up electrically powered, pneumatic and/or hydraulic hand tools. Note: Special training is required when using powder actuated tools.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____

Worker/Trainee's Name (print) _____

SKILLS

U5032.01 Operate hand tools, by using personal protective equipment and working according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5032.02 Maintain and store hand tools, by inspecting before, during and after use; cleaning prior to storage; storing in designated location; and reporting defects/damage according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5032.03 Inspect and set up electrically powered hand tools, by checking tools, attachments, cords and plugs; and locating and securing extension cord according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5032.0 OPERATE HAND AND POWER TOOLS - Cont'd

U5032.04 Operate electrically powered hand tools, using personal protective equipment by working from a safe and secure location; securing object to be worked on; changing attachments; shutting off tool; and retrieving extension cord according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5032.05 Maintain and store electrically powered hand tools, by inspecting before, during and after use; cleaning prior to storage; storing in designated location; and reporting defects according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5032.06 Inspect and set up pneumatic and/or hydraulic hand tools, by checking air hoses; connecting lubricator; locating and connecting hoses; verifying air pressure; and ensuring tool is in "off" position according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5032.07 Operate pneumatic and/or hydraulic hand tools, using personal protective equipment including: face shields by working from safe and secure location; replacing attachments; shutting down tool; relieving pressure in hoses; disconnecting hoses; disconnecting separator; and retrieving and coiling hoses according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5032.0 OPERATE HAND AND POWER TOOLS - Cont'd

U5032.08 Maintain and store pneumatic and/or hydraulic hand tools, by inspecting before, during and after use; cleaning prior to storage; storing in designated location; and reporting defects according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____
	Employer's Name	**Employer's Signature**
	_____	_____

U5033.0 OPERATE ELEVATING WORK PLATFORM (SCISSOR LIFT)

GENERAL PERFORMANCE OBJECTIVE

Operate elevating work platform (scissor lift), by inspecting the workplace for hazardous and/or potentially hazardous conditions; setting up and securing platform; conducting pre-operational checks; mounting/dismounting platform; conducting operational checks; accessing personnel platform; operating upper aerial controls; working from platform; refueling elevating platform; shutting down platform and securing lifting device in preparation for travel.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5033.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment and unlevel ground, by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5033.02 Set up and secure elevating work platform (scissor lift), on a firm, level base and position according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5033.0 OPERATE ELEVATING WORK PLATFORM (SCISSOR LIFT) - Cont'd

U5033.03 Conduct pre-operational checks on the elevating work platform (scissor lift), while engine is stopped, by ensuring fire extinguisher(s) are in place and operational; checking fluids, tires and wheel nuts; visually inspecting chassis and attachments; checking belts and hoses; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5033.04 Mount/Dismount elevating work platform (scissor lift), using 3 point contact by engaging braking system(s); ensuring controls in neutral; and activating power supply according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5033.05 Conduct operational checks on the elevating work platform (scissor lift), by cycling elevating work platform (scissor lift) using lower controls; checking holding valve; checking instruments and warning devices; checking brakes; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5033.06 Access personnel platform, by using 3 point contact; adjusting safety harness; checking kick plates and safety rails; loading and securing tools, materials and supplies; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5033.0 OPERATE ELEVATING WORK PLATFORM (SCISSOR LIFT)- Cont'd

U5033.07 Operate upper aerial controls, to access work position by raising, lowering and rotating platform according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5033.08 Work from the platform, by ensuring clearance for self, platform, and ropes when raising and/or lowering equipment, materials and supplies; maintaining communication with co-workers; and observing limits of electrical approach according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5033.09 Refuel elevating work platform (scissor lift), by monitoring ventilation levels; shutting off engine; maintaining area free of smoking; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5033.10 Shut down elevating work platform (scissor lift), by deactivating power supply; parking, securing and storing vehicle in designated area according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5033.0 OPERATE ELEVATING WORK PLATFORM (SCISSOR LIFT)- Cont'd

U5033.11 Secure lifting device, in preparation for travel, by using tie-down straps; lowering boom to rest position; raising stabilizer legs; and installing boom covers according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____
	Employer's Name	**Employer's Signature**
	_____	_____

U5034.0 OPERATE HYDRAULIC EXCAVATOR

GENERAL PERFORMANCE OBJECTIVE

Operate hydraulic excavator, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; mounting/dismounting hydraulic excavator; conducting operational checks; traveling hydraulic excavator to the job site; operating hydraulic excavator; loading haulage vehicle; shutting down and refueling hydraulic excavator; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5034.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5034.02 Conduct pre-operational checks on hydraulic excavator, while engine is stopped, by ensuring mirrors and windshields are clean and free of visual defects; ensuring fire extinguisher(s) are in place and operational; checking fluids, panel, clutches, torque converters and brake bands; checking horn, lights, and warning devices; checking exhaust system; inspecting boom pins, bucket hydraulics; following manufacturer pre-operational check list; checking belts and hoses; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5034.0 OPERATE HYDRAULIC EXCAVATOR - Cont'd

U5034.03 Mount/Dismount hydraulic excavator, using 3 point contact, by neutralizing bucket and directional controls; activating engine; adjusting throttle speed to idle; and ensuring lights and controls are operative according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5034.04 Conduct operational checks on hydraulic excavator, by ensuring gauges are reading normal and hydraulic system are operative; checking steering and brakes; listening for unusual noises in bearings and motors; checking for unusual smells; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5034.05 Travel hydraulic excavator to the job site, by following designated travel route; observing speed limits and signals; travelling up-grade and down-grade; staying clear of pedestrian and vehicular traffic and obstacles; and maintaining electrical clearance according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5034.06 Operate hydraulic excavator, on a firm base, by ensuring swing clearance; observing signals; and digging, swinging and dumping according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5034.0 OPERATE HYDRAULIC EXCAVATOR - Cont'd

U5034.07 Load haulage vehicle, by communicating with co-worker(s); positioning haulage vehicle; ensuring clearance; ensuring forward and backward movement; and ensuring distribution of load according safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5034.08 Shut down hydraulic excavator, in an emergency situation, including: fire and injury by shutting off ignition and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5034.09 Shut down hydraulic excavator, in a normal situation, by parking vehicle in designated area; lowering bucket to ground; positioning vehicle and guarding against movement; setting parking brake; shutting off ignition and/or fuel supply; draining air tanks; and reporting defects according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5034.10 Refuel hydraulic excavator, by monitoring ventilation levels; shutting-off engine; maintaining the area free of smoking; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5034.0 OPERATE HYDRAULIC EXCAVATOR - Cont'd

U5034.11 Perform minor maintenance and adjustments on the hydraulic excavator, by lubricating equipment and attachments; maintaining fluid levels; ensuring replacement of belts and hoses; and checking and completing maintenance and/or deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____
	Employer's Name	**Employer's Signature**
	_____	_____

U5035.0 OPERATE SKID STEER

GENERAL PERFORMANCE OBJECTIVE

Operate skid steer, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; mounting/dismounting skid steer; conducting operational checks; traveling skid steer to the job site; operating, shutting down and, refueling skid steer; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____

Worker/Trainee's Name (print) _____

SKILLS

U5035.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5035.02 Conduct pre-operational checks on skid steer, while engine is stopped, by ensuring mirrors and windshields are clean and free of visual defects; ensuring fire extinguisher(s) are in place and operational; checking fluids; checking tires and wheel lugs/studs; visually inspecting chassis and attachments components; checking belts and hoses; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5035.0 OPERATE SKID STEER - Cont'd

U5035.03 Mount/Dismount skid steer, using 3 point contact, by neutralizing bucket and directional controls; activating engine; and adjusting throttle speed to idle according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5035.04 Conduct operational checks on skid steer, by ensuring seat belt is fastened and restraint bar is positioned and secured; checking gauges, hydraulic system, steering and brakes; listening for unusual noises; checking for unusual smells; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5035.05 Travel skid steer to the job site, by following designated travel route; observing speed limits and signals; travelling up-grade and down-grade; and staying clear of pedestrian and vehicular traffic and obstacles according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5035.06 Operate skid steer, to load and unload materials/supplies, by raising, lowering, tilting and tipping bucket; loading and balancing bucket and machine; selecting gear for operation; observing traffic signals; adjusting speed to road conditions; and ensuring clear path for machine movement to protect self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5035.0 OPERATE SKID STEER - Cont'd

U5035.07 Shut down skid steer, in an emergency situation, including: fire and injury by shutting off ignition and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5035.08 Shut down skid steer, in a normal situation, by parking in designated area; positioning vehicle to guard against movement; lowering bucket and/or attachments to ground; setting parking brake; shutting off ignition and/or fuel supply; and reporting defects according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5035.09 Refuel skid steer, by monitoring ventilation levels; maintaining refuelling area free of smoking; shutting off engine; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5035.10 Perform minor maintenance and adjustments on the skid steer, by lubricating equipment and attachments; maintaining fluid levels; ensuring replacement of belts and hoses; and completing maintenance and/or deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5036.0 OPERATE BULLDOZER

GENERAL PERFORMANCE OBJECTIVE

Operate bulldozer, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; mounting/dismounting bulldozer; conducting operational checks; traveling bulldozer to the job site; operating bulldozer; shutting down and refueling bulldozer; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5036.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5036.02 Conduct pre-operational checks on bulldozer, while engine is stopped, by checking emergency devices; ensuring exits are accessible; checking mirror and windshields are clean and clear of visual defects; ensuring fire extinguisher(s) are in place and operational; checking fluids; checking tracks; visually inspecting chassis and attachments; checking belts and hoses; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5036.0 OPERATE BULLDOZER - Cont'd

U5036.03 Mount/Dismount bulldozer, using 3 point contact, by neutralizing blade and/or attachments, hydraulic and directional controls; activating engine; adjusting throttle speed to idle; and checking lights and controls according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5036.04 Conduct operational checks on bulldozer, while engine is running, by checking mirrors; checking fluid levels and conditions; checking gauges and hydraulic system; checking horn, lights, warning devices and back up alarms; checking belts and hoses; checking service and emergency brakes; checking steering and exhaust system; listening for unusual noises in bearings and motor; checking for unusual smells; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5036.05 Travel bulldozer to the job site, by following designated travel route; adjusting speed to route conditions; observing speed limits and signals; travelling up-grade and down-grade; and staying clear of pedestrian and vehicular traffic and obstacles according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5036.06 Operate bulldozer, to move product/materials, by selecting gear and vehicle speed; positioning vehicle; aligning blade and/or attachment; observing signals and traffic procedures; operating on uneven driving surfaces to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5036.0 OPERATE BULLDOZER - Cont'd

U5036.07 Shut down bulldozer, in an emergency situation, including: fire and injury by shutting off ignition; and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5036.08 Shut down bulldozer, in a normal situation, by parking in designated area; lowering blade and/or attachments to ground; positioning the vehicle to guard against movement; setting parking brake; shutting off ignition and or fuel supply; and reporting defects according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5036.09 Refuel bulldozer, by monitoring ventilation levels; shutting off engine; maintaining refuelling area free of smoking; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5036.10 Perform minor maintenance and adjustments on bulldozer, by lubricating equipment and attachments; maintaining fluid levels; ensuring replacement of belts and hoses; and completing maintenance and/or deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5037.0 OPERATE SCRAPER

GENERAL PERFORMANCE OBJECTIVE

Operate scraper, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; mounting/dismounting scraper; conducting operational checks; traveling scraper to the job site; operating scraper; shutting down and refueling scraper; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____

Worker/Trainee's Name (print) _____

SKILLS

U5037.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5037.02 Conduct pre-operational checks on scraper, while engine is stopped, by ensuring: mirrors and windshields are clean and free of visual defects; ensuring fire extinguisher(s) are in place and operational; checking fluids; checking tires, wheel studs/nuts, belts and hoses; visually inspecting chassis and blade(s); reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5037.0 OPERATE SCRAPER - Cont'd

U5037.03 Mount/Dismount scraper, using 3 point contact, by lowering bowl; wearing seat belts; neutralizing controls including: transmission; activating power supply; and engaging transmission according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5037.04 Conduct operational checks on scraper, by ensuring blade controls are operative; checking mirrors; checking fluid levels and conditions; checking gauges and hydraulic system; checking horn, lights warning devices and back up alarms; checking belts and hoses; checking service and emergency brakes; checking steering and exhaust system; listening for unusual noises in bearings and motor; checking for unusual smells; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5037.05 Travel scraper to the job site, by following designated travel route; observing speed limits and traffic signals; travelling up-grade and down-grade; and staying clear of pedestrian and vehicular traffic and obstacles according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5037.06 Operate scraper, by raising and lowering blade(s); adjusting blade(s) angle and height; scraping material; grading; and removing foreign material according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5037.0 OPERATE SCRAPER - Cont'd

U5037.07 Shut down scraper, in an emergency situation, including: fire and injury by shutting off ignition and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5037.08 Shut down scraper, in a normal situation, by parking vehicle in designated area; dropping bowl; shutting off ignition and/or fuel supply; draining air tanks; setting parking brakes; and setting wheel chocks according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5037.09 Refuel scraper, by monitoring ventilation levels; shutting off engine; maintaining the refuelling area free of smoking; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5037.10 Perform minor maintenance and adjustments on scraper, by lubricating equipment and attachments; maintaining fluids levels; ensuring replacement of belts and hoses; and completing maintenance and/or deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5038.0 OPERATE GRADER

GENERAL PERFORMANCE OBJECTIVE

Operate grader, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; mounting/dismounting grader; conducting operational checks; traveling grader to the job site; operating grader; shutting down and refueling grader; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5038.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5038.02 Conduct pre-operational checks on grader, while engine is stopped, by ensuring: mirrors and windshields are clean and free of visual defects; ensuring fire extinguisher(s) are in place and operational; checking fluid levels; checking tires and wheel studs/nuts; visually inspecting chassis and blade(s); checking belts and hoses; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5038.0 OPERATE GRADER - Cont'd

U5038.03 Mount/Dismount grader, using 3 point contact, by activating power supply; and engaging transmission according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5038.04 Conduct operational checks on grader, by ensuring blade controls are operative; checking mirrors; checking fluid levels and conditions; checking gauges and hydraulic system; checking horn, lights warning devices and back up alarms; checking belts and hoses; checking service and emergency brakes; checking steering and exhaust system; listening for unusual noises in bearings and motor; checking for unusual smells; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5038.05 Travel grader to the job site, by following designated travel route; observing speed limits and traffic signals; travelling up-grade and down-grade; and staying clear of pedestrian and vehicular traffic and obstacles according to safety legislation and company standards.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5038.06 Operate grader, by raising and lowering blade(s), adjusting blade angle and height; scraping material and grading; selecting gear for operation; observing traffic signals; adjusting speed to road conditions; and ensuring clear path for machine movement to protect self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5038.0 OPERATE GRADER - Cont'd

U5038.07 Operate grader, to maintain road conditions, by levelling and cleaning up spills according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5038.08 Shut down grader, in an emergency situation, including: fire and injury by shutting off ignition and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5038.09 Shut down grader, in a normal situation, by parking in designated area; adjusting blade(s) to within the perimeter of the machine; shutting off ignition and/or fuel supply; setting parking brakes; draining air tanks; and setting wheel chocks according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5038.10 Refuel grader, by monitoring ventilation levels; shutting off engine; maintaining the refuelling area free of smoking; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5038.0 OPERATE GRADER - Cont'd

U5038.11 Perform minor maintenance and adjustments on grader, by lubricating equipment and attachments; maintaining fluid levels; replacing belts and hoses; and completing maintenance and/or deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____
	Employer's Name	Employer's Signature
	_____	_____

U5039.0 OPERATE FRONT END LOADER

GENERAL PERFORMANCE OBJECTIVE

Operate front end loader, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; mounting/dismounting front end loader; conducting operational checks; traveling front end loader to the job site; operating front end loader; loading bucket and haulage vehicle; shutting down and refueling front end loader; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5039.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5039.02 Conduct pre-operational checks on front end loader, while engine is stopped, by ensuring mirrors and windshields are clean and free of visual defects; ensuring fire extinguisher(s) are in place and operational; checking fluids levels; checking track/rubber tires, wheel studs/nuts and wheel chocks; visually inspecting chassis and bucket; checking belts and hoses; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5039.0 OPERATE FRONT END LOADER - Cont'd

U5039.03 Mount/Dismount front end loader, using 3 point contact, by wearing seat belts; neutralizing controls, including: directional and bucket; and activating power supply/engine according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5039.04 Conduct operational checks on front end loader, by checking mirrors; checking fluid levels and conditions; checking gauges and hydraulic system; checking horn, lights warning devices and back up alarms; checking belts and hoses; checking service and emergency brakes; checking steering and exhaust system; listening for unusual noises in bearings and motor; checking for unusual smells; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5039.05 Travel front end loader to the job site, by positioning bucket close to the ground; following designated travel route; observing speed limits and traffic signals; travelling up-grade and down-grade; and staying clear of pedestrian and vehicular traffic and obstacles according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5039.0 OPERATE FRONT END LOADER - Cont'd

U5039.06 Operate front end loader, by raising, lowering, tilting and tipping bucket; selecting gear for operation; observing traffic procedures; and adjusting speed to road conditions according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5039.07 Load bucket, by positioning loader; ensuring clearance for the bucket and a clear path for machine; and maintaining electrical clearance according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5039.08 Load haulage vehicle, by positioning haulage vehicle; ensuring clearance; ensuring forward and backward movement; ensuring distribution of load; and maintaining electrical clearance according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5039.09 Operate front end loader, to stockpile materials, by performing forward and backward movement; ensuring clearance; operating on uneven driving surfaces; following stockpiling procedures; and maintaining electrical clearance according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5039.0 OPERATE FRONT END LOADER - Cont'd

U5039.10 Operate front end loader, to maintain road conditions, by back dragging and cleaning up spills according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5039.11 Shut down front end loader, in an emergency situation, including: fire and injury by shutting off ignition; and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5039.12 Shut down front end loader, in a normal situation, by parking vehicle in designated area; lowering bucket and/or attachment to ground; shutting off ignition and/or fuel supply; draining air tanks; setting parking brakes; and setting wheel chocks according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5039.13 Refuel front end loader, by monitoring ventilation levels; ensuring engine is shut off; maintaining the refuelling area free of smoking; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5039.0 OPERATE FRONT END LOADER - Cont'd

U5039.14 Perform minor maintenance and adjustments on front end loader, by lubricating equipment and attachments; maintaining fluid levels; ensuring replacement of belts and hoses; and completing maintenance and/or deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____
	Employer's Name	Employer's Signature
	_____	_____

U5040.0 OPERATE FUEL TRUCK

GENERAL PERFORMANCE OBJECTIVE

Operate fuel truck, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; mounting/dismounting fuel truck; conducting operational checks; traveling fuel truck to the job site; transferring fuel to equipment; shutting down and refueling fuel truck; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5040.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5040.02 Conduct pre-operational checks on fuel truck, while engine is stopped, by maintaining area in and around vehicle free of smoking and open flame(s); ensuring mirrors and windshields are clean and free of visual defects; ensuring fire extinguisher(s) are in place and operational; checking fluid levels; checking tires, wheel studs/nuts and wheel chocks; visually inspecting chassis and attachments; verifying integrity of tank; checking spill kit; fuel hoses and nozzles; confirming presence of warning placards for dangerous goods; checking belts and hoses; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5040.0 OPERATE FUEL TRUCK - Cont'd

U5040.03 Mount/Dismount fuel truck, using 3 point, contact by wearing seat belts; neutralizing controls including: transmission and hydraulics; and activating ignition according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5040.04 Conduct operational checks on fuel truck, by maintaining the area in and around vehicle free of smoking and open flame(s); checking air and oil levels; checking instrument panel operation; checking for unusual noises and unusual smells; checking brakes and steering; checking warning systems, lights and back-up alarms and power take-offs; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5040.05 Travel fuel truck to the job site, by following designated travel route; observing speed limits and traffic signals; travelling up-grade and down-grade; and staying clear of pedestrian and vehicular traffic and obstacles according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5040.06 Transfer fuel to equipment, by maintaining vehicle in stationary position; observing load limitations; following hook up procedures; monitoring ventilation levels; maintaining area free of smoking and open flames; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5040.0 OPERATE FUEL TRUCK - Cont'd

U5040.07 Shut down fuel truck, in an emergency, including: fire and injury by shutting off ignition and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5040.08 Shut down the fuel truck, in a normal situation, by parking vehicle in designated area; shutting off ignition and/or fuel supply; draining air tanks; and setting wheel chocks according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5040.09 Refuel fuel truck, by monitoring ventilation levels; maintaining the area free of smoking and open flames; shutting off engine; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5040.10 Perform minor maintenance and adjustments on fuel truck, by lubricating equipment and attachments; maintaining fluids level; ensuring replacement of belts and hoses; and completing maintenance and/or deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____
	Employer's Name	Employer's Signature
	_____	_____

U5041.0 OPERATE SERVICE VEHICLE

GENERAL PERFORMANCE OBJECTIVE

Operate service vehicle, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; mounting/dismounting service vehicle; conducting operational checks; traveling service vehicle to job site; transporting materials and/or personnel; shutting down and refueling service vehicle; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5041.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5041.02 Conduct pre-operational checks on service vehicle, while engine is stopped, by ensuring mirrors and windshields are clean and free of visual defects; ensuring fire extinguisher(s) are in place and operational; checking tires, wheel studs/nuts and wheel chocks; visually inspecting chassis and attachments; checking fluid levels; checking belts and hoses; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5041.0 OPERATE SERVICE VEHICLE - Cont'd

U5041.03 Mount/Dismount service vehicle, using 3 point contact, by wearing seat belts; neutralizing controls including: transmission and hydraulics; and activating power supply and ignition according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5041.04 Conduct operational checks on service vehicle, by monitoring fluids levels; listening for unusual noises; checking gauges, brakes and steering; checking warning systems, lights and back up alarms; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5041.05 Travel service vehicle to the job site, by following designated travel route; observing speed limits and traffic signals; travelling up-grade and down-grade; and staying clear of pedestrian and vehicular traffic and obstacles according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5041.06 Transport materials and/or personnel, by loading and unloading with vehicle in stationary position; observing load limitations; securing seats belts, safety bars and chains; following hook up procedures; securing load(s) and observing speed limits, traffic signs and procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5041.0 OPERATE SERVICE VEHICLE - Cont'd

U5041.07 Shut down service vehicle, in an emergency situation, including: fire and injury by shutting off ignition; and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5041.08 Shut down the service vehicle, in a normal situation, by parking in designated area; shutting off ignition and/or fuel supply; draining air tanks; and setting wheel chocks according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5041.09 Refuel service vehicle, by monitoring ventilation levels; maintaining the area free of smoking; shutting off engine; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5041.10 Perform minor maintenance and adjustments on service vehicle, by lubricating equipment and attachments; maintaining fluid levels; ensuring replacement of belts and hoses; and completing maintenance and/or deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5042.0 OPERATE HAULAGE TRUCK

GENERAL PERFORMANCE OBJECTIVE

Operate haulage truck, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; mounting/dismounting haulage truck; conducting operational checks; traveling haulage truck to the job site; positioning truck; hauling and dumping loads; shutting down and refueling haulage truck; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____

Worker/Trainee's Name (print) _____

SKILLS

U5042.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5042.02 Conduct pre-operational checks on haulage truck, while engine is stopped, by ensuring mirrors and windshields are clean and free of visual defects; ensuring fire extinguisher(s) are in place and operational; checking fluid levels; checking tires, wheel studs/nuts, and wheel chocks; visually inspecting chassis and attachments; checking belts and hoses; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5042.0 OPERATE HAULAGE TRUCK - Cont'd

U5042.03 Mount/Dismount haulage truck, using 3 point contact, by wearing seat belts; neutralizing controls including: transmission and hydraulics; and activating power supply and ignition according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5042.04 Conduct operational checks on haulage truck, by checking air and oil levels; monitoring instrument panel; listening for unusual noises in engine and power train; checking brakes and steering; checking dump cylinder(s); checking warning systems, lights and back up alarms; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5042.05 Travel haulage truck to the job site, by following designated travel route; observing speed limits and traffic signals; travelling up-grade and down-grade; and staying clear of pedestrian and vehicular traffic and obstacles according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5042.06 Load haulage truck, with aggregate, by ensuring area is clear of unauthorized personnel prior to loading; positioning vehicle; and ensuring clear path for truck movement to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5042.0 OPERATE HAULAGE TRUCK - Cont'd

U5042.07 Haul load, by driving vehicle with the box secure; and observing speed limits, traffic signs and procedures to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5042.08 Dump load, by positioning vehicle on level dumping location; ensuring clearance of truck and box; observing signals including: backward, forward and dumping; ensuring bumper/stop block is in place and secure; and lowering and securing box before moving truck according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5042.09 Shut down haulage truck, in an emergency situation, including: fire and injury by shutting off ignition; and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5042.10 Shut down haulage truck, in a normal situation, by parking vehicle in designated area; lowering and securing box; shutting off ignition and/or fuel supply; setting wheel chocks, and parking brake; and draining air tanks according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5042.0 OPERATE HAULAGE TRUCK - Cont'd

U5042.11 Refuel haulage truck, by monitoring ventilation levels; maintaining area free of smoking; shutting off engine; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5042.12 Perform minor maintenance and adjustments on haulage truck, by lubricating equipment and attachments; maintaining fluids levels; ensuring replacement of belts and hoses; and completing maintenance and deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5043.0 OPERATE WATER TRUCK

GENERAL PERFORMANCE OBJECTIVE

Operate water truck, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; mounting/dismounting water truck; conducting operational checks; driving water truck to the job site; operating water truck; shutting down and refueling water truck; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____

Worker/Trainee's Name (print) _____

SKILLS

U5043.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5043.02 Conduct pre-operational checks on water truck, while engine is stopped, by ensuring: mirrors and windshields are clean and free of visual defects; ensuring fire extinguisher(s) are in place and operational; checking tires and wheel studs/nuts; checking fluids; visually inspecting chassis and attachments; checking belts and hoses; reporting deficiencies; and/or taking action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5043.0 OPERATE WATER TRUCK - Cont'd

U5043.03 Mount/Dismount water truck, using 3 point contact, by wearing seat belts; neutralizing controls including: transmission and hydraulics; and activating ignition according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5043.04 Conduct operational checks on water truck, by checking air and oil levels; checking instrument panel, listening for unusual noises in engine and power train; checking brakes and steering; checking warning systems and lights and back up alarms; ensuring water tank is full; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5043.05 Drive water truck to the job site, by following designated travel route; observing speed limits and traffic signals; travelling up-grade and down-grade; and staying clear of pedestrian and vehicular traffic and obstacles according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5043.06 Operate water truck, by observing speed limits and traffic procedures; following designated travel route; controlling dust; and refilling tank according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5043.0 OPERATE WATER TRUCK - Cont'd

U5043.07 Shut down water truck, in an emergency situation, including: fire and injury by shutting off ignition; and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5043.08 Shut down water truck, in a normal situation, by parking vehicle in designated area; setting wheel chocks; shutting off ignition and/or fuel supply; setting park brake; and draining air tanks according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5043.09 Refuel water truck, by monitoring ventilation levels; maintaining area free of smoking; shutting off engine; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5043.10 Perform minor maintenance and adjustments on water truck, by lubricating equipment and attachments; maintaining fluid levels; ensuring replacement of belts and hoses; and completing maintenance and/or deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5044.0 OPERATE FORK LIFT

GENERAL PERFORMANCE OBJECTIVE

Operate fork lift, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; mounting/dismounting fork lift; conducting operational checks; traveling fork lift to the job site; operating fork lift; transporting and unloading materials and equipment; shutting down and refueling fork lift; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5044.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5044.02 Conduct pre-operational checks on fork lift, while engine is stopped, by ensuring guards are in place; ensuring fire extinguisher(s) are in place and operational; checking drive belts and chains; checking fluid levels; checking hoist assembly; checking tires, wheel studs/ nuts; checking belts and hoses; reporting deficiencies and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5044.0 OPERATE FORK LIFT - Cont'd

U5044.03 Mount/Dismount fork lift, using 3 point contact, by ensuring parking/emergency brake is applied; neutralizing controls, fuel and/or power supply; and activating engine and warning lights according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5044.04 Conduct operational checks on fork lift , by ensuring controls are in neutral; applying parking and/or emergency brake; lowering forks to ground; listening for unusual noises; checking for unusual smells; checking for leaks; checking warning systems, back up alarms and lights; monitoring instrument panel; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5044.05 Travel fork lift to the job site, by following designated travel route; observing speed limits and traffic signals; travelling up-grade and down-grade; maintaining electrical clearance; and staying clear of pedestrian and vehicular traffic and obstacles according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5044.06 Operate fork lift, by selecting gear and speed for travel; positioning the vehicle; positioning forks for lift, using pallets and/or attachments; securing and balancing load; ensuring clearance for vehicle and load; ensuring clear path for machine movement; maintaining electrical clearance; and handling hazardous materials according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5044.0 OPERATE FORK LIFT - Cont'd

U5044.07 Transport materials and equipment, by driving vehicle with the forks/load in lowered position; driving forward or in reverse; ensuring maximum visibility and stability; observing speed limits, traffic signals, signs and procedures; and transporting hazardous materials to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5044.08 Unload materials and equipment, by checking condition of placement area; positioning vehicle; placing load; ensuring clearance; and handling hazardous materials according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5044.09 Shut down fork lift, in an emergency situation, including: fire and injury by shutting off ignition and/or fuel supply; and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5044.10 Shut down fork lift, in a normal situation, by parking vehicle in designated area; lowering forks to ground; setting parking/emergency brake; setting wheel chocks; shutting off ignition and/or fuel supply; draining air tanks; and removing keys according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5044.0 OPERATE FORK LIFT - Cont'd

U5044.11 Refuel fork lift, including: diesel, propane and battery operated by monitoring ventilation levels; maintaining area free of smoking; shutting off engine; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5044.12 Perform minor maintenance and adjustments on fork lift, by lubricating equipment and attachments; maintaining fluid levels; ensuring replacement of belts and hoses; and completing maintenance and/or deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5045.0 OPERATE PORTABLE CONVEYOR

GENERAL PERFORMANCE OBJECTIVE

Operate portable conveyor, by inspecting the workplace for hazardous and/or potentially hazardous conditions; setting up and securing the portable conveyor; conducting pre-operational checks; performing maintenance and starting up conveyor; training and/or adjusting the belt; conducting operational checks; conveying materials; removing blockages; and locking out and tagging equipment.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5045.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5045.02 Set up and secure portable conveyor, by positioning equipment on a firm and even base; blocking wheels; and ensuring clearance for equipment operation according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5045.0 OPERATE PORTABLE CONVEYOR - Cont'd

U5045.03 Conduct pre-operational checks on conveyor, while stopped, by wearing personal protective equipment; ensuring guards are in place and secure; ensuring pull cords are in place, secure and operational; checking trip switches, drive belts, chains, head, tail, take-up pulleys and idlers; checking lubricant levels; checking conveyor belt and accessories; securing conveyor supports, chutes and frame; checking for spills and obstructions; assessing the severity of defects; checking hoses; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5045.04 Perform maintenance, on non-moving conveyor, by following lock-out and tag procedures; splicing and repairing belt; lubricating components; replacing rollers; and removing excess spills according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5045.05 Start up the conveyor, by activating start-up alarm; ensuring related systems are activated in sequence; and activating start button including: remote and local to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5045.06 Train and/or adjust belt, on moving conveyor, according to safety legislation, company standards, written procedures and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5045.0 OPERATE PORTABLE CONVEYOR - Cont'd

U5045.07 Conduct operational checks on conveyor and components, by listening for unusual noises; checking for unusual smells; checking control switches; checking fluid levels; check belt condition including: alignment and tension; ensuring pull cords are in place, secure, and operational; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5045.08 Convey materials, by working from safe location; controlling flow rate; relocating discharge points; ensuring alignment and adjustment of conveyor belt; relocating limit switch; ensuring minimal spills; and completing report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5045.09 Remove blockages, by stopping, locking out and tagging conveyor; and anticipating sudden movement of conveyor, components and/or feed according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5045.10 Lock out and tag electrical equipment, for repair or maintenance, by isolating the power supply; ensuring 'start/stop' switch is disconnected; shutting off breaker; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5045.0 OPERATE PORTABLE CONVEYOR - Cont'd

U5045.11 Lock out and tag portable diesel equipment, by isolating the power supply; ensuring the clutch is locked out and ' start/stop' is disconnected; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5045.12 Shut down conveyor, in an emergency situation, including: fire and injury, by activating pull cord; depressing stop button, or switch; deactivating related systems; and/or following other emergency procedures; and reporting incident to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5045.13 Shut down conveyor, in a normal situation, by communicating readiness to shut down; shutting down or deactivating related systems in sequence; emptying belt; and depressing stop button to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5045.14 Move conveyor and components to new location, by ensuring belt is empty; ensuring power supply is disconnected; locking wheels in position; and getting assistance according to safety legislation and company standards.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5046.0 OPERATE STATIONARY AND RADIAL STACKER CONVEYOR

GENERAL PERFORMANCE OBJECTIVE

Operate stationary and radial stacker conveyor, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; performing maintenance; starting up the conveyor; conducting operational checks; conveying materials; training and/or adjusting belt; removing blockages and locking out and tagging equipment; shutting down conveyor; moving or adjusting conveyor; and performing minor maintenance.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5046.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5046.02 Conduct pre-operational checks on stacker conveyor, while stopped, by using personal protective equipment; ensuring guards are in place and secure; checking pull cords are in place, secure and operative; checking trip switches, drive belts, chains, head, tail, take-up pulleys and idlers; checking lubricant levels; checking conveyor belt and accessories; checking hoses; securing conveyor supports, chutes and frame; clearing spills and obstructions; assessing the severity of defects; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5046.0 OPERATE STATIONARY AND RADIAL STACKER CONVEYOR - Cont'd

U5046.03 Perform maintenance on non-moving stacker conveyor, by following lock-out and tag procedures; splicing and repairing belts; lubricating components; replacing rollers; and removing excess spills according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5046.04 Start up the stacker conveyor, by activating start-up alarm; ensuring related systems are activated in sequence; and activating start button to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5046.05 Conduct operational checks on stacker conveyor and components, by listening for unusual noises; checking for unusual smells; checking control switches; checking fluid levels; checking belt condition including: alignment and tension; ensuring pull cords are in place, secure and operative; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5046.06 Convey materials, by working from a safe location; controlling flow rate; relocating discharge points; ensuring alignment and adjustment of conveyor belt; relocating limit switch; ensuring minimal spills; and completing report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5046.0 OPERATE STATIONARY AND RADIAL STACKER CONVEYOR - Cont'd

U5046.07 Train and/or adjust belt, on moving stacker conveyor, according to safety legislation, company standards, written procedures and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5046.08 Remove blockages, by stopping, locking out and tagging stacker conveyor; and anticipating sudden movement of conveyor, components and/or feed according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5046.09 Lock out and tag diesel equipment, by isolating the power supply; ensuring clutch is locked out and 'start/stop' switch is disconnected; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5046.10 Lock out and tag electrical equipment, for repair or maintenance, by isolating the power supply; ensuring 'start/stop' switch is disconnected; shutting off breaker; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5046.0 OPERATE STATIONARY AND RADIAL STACKER CONVEYOR - Cont'd

U5046.11 Shut down stacker conveyor, in an emergency situation, including: fire and injury by activating pull cord; depressing stop button or switch; deactivating related systems; reporting incident; and/or following other emergency procedures to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5046.12 Shut down stacker conveyor, in a normal situation, by communicating readiness to shut down; shutting down or deactivating related systems in sequence; emptying belt; and depressing stop button to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5046.13 Move or adjust stacker conveyor, by ensuring path is clear of materials, personnel and vehicles; and guarding area according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5046.14 Perform maintenance, on non-moving stacker conveyor, by following lock-out and tag procedures; splicing and repairing belt; lubricating components; replacing rollers; and removing excess spills according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5047.0 OPERATE PORTABLE CRUSHER

GENERAL PERFORMANCE OBJECTIVE

Operate portable crusher, by inspecting the workplace for hazardous and/or potentially hazardous conditions; setting up and securing crusher; conducting pre-operational checks; starting up crusher; conducting operational checks; operating and adjusting crusher; removing blockages; locking out and tagging equipment; performing maintenance on crusher; shutting down and moving crusher.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____

Worker/Trainee's Name (print) _____

SKILLS

U5047.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.02 Set up and secure portable crusher, by ensuring a firm and even base; and securing clearance for equipment and attachment operation according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.0 OPERATE PORTABLE CRUSHER - Cont'd

U5047.03 Conduct pre-operational checks on portable crusher, while stopped, by wearing personal protective equipment; ensuring guards are in place and secure; checking drive belts and chains; checking lubricant levels; checking chutes and frame; checking for spills and obstructions; assessing the severity of defects; checking hoses, reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.04 Start up the crusher, by ensuring related systems are activated in sequence; and activating lubrication system, cooling system and start button to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.05 Conduct operational checks on portable crusher, by checking control switches; checking for build-up and/or obstructions; checking lubrication system(s); checking crusher setting; ensuring guards are in place and secure; checking amp metres; listening for unusual noises; checking for unusual smells; checking for leaks; assessing the severity of defects; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.06 Operate crusher, by working from a safe location; adjusting setting(s); opening gates/chutes; controlling speed of feeder; controlling air quality, using water sprays; and completing report/log according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.0 OPERATE PORTABLE CRUSHER - Cont'd

U5047.07 Adjust crusher components; including: opening of crusher, feeder and roller to ensure flow and product quality according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.08 Remove blockages, by stopping and locking out crusher; anticipating sudden movement of crusher and/or feed; and following special procedures when bridging occurs to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.09 Lock out and tag electrical equipment, for repair or maintenance, by isolating the power supply; ensuring 'start/stop switch is disconnected; shutting off breaker; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.10 Lock out and tag portable diesel equipment, by isolating the power supply; ensuring clutch is locked out and 'start/stop switch is disconnected; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.0 OPERATE PORTABLE CRUSHER - Cont'd

U5047.11 Perform maintenance on crusher, by locking out and tagging equipment; adjusting fluid levels and drive belts; lubricating components; and removing excess spills according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.12 Shut down crusher, in an emergency situation, including: fire and injury, by depressing stop button/switch; deactivating related systems; following other emergency procedures; and reporting incident to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.13 Shut down crusher, in a normal situation, by communicating readiness to shut down; shutting down or deactivating related systems in sequence; emptying crusher; depressing stop button; and draining air tanks according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5047.14 Move crusher and components to new location, by ensuring crusher is empty; ensuring power supply is disconnected; and locking wheels according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5048.0 OPERATE STATIONARY CRUSHER

GENERAL PERFORMANCE OBJECTIVE

Operate crusher, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; starting up crusher; conducting operational checks; operating and adjusting crusher; removing blockages; locking out and tagging equipment; performing maintenance on crusher; and shutting down crusher.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5048.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5048.02 Conduct pre-operational checks on crusher, while stopped, by wearing personal protective equipment; ensuring guards are in place and secure; checking drive belts and chains; checking lubricant levels; checking chutes and frame; checking for spills and obstructions; assessing the severity of defects; checking hoses; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5048.0 OPERATE STATIONARY CRUSHER - Cont'd

U5048.03 Start up crusher, by ensuring related systems are activated in sequence; activating lubrication system, cooling system and start button to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5048.04 Conduct operational checks, by checking control switches; checking for build-up and/or obstructions; checking lubrication system(s); checking crusher setting; ensuring guards are in place and secure; listening for unusual noises; checking for unusual smells; checking for leaks; assessing the severity of defects; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5048.05 Operate crusher, by working from a safe location; adjusting setting; opening gates/chutes; controlling speed of feeder and conveyor; controlling air quality, using water sprays; and completing report/log according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5048.06 Adjust crusher components, including: opening of crusher, feeder and roller to ensure flow and product quality according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5048.0 OPERATE STATIONARY CRUSHER - Cont'd

U5048.07 Remove blockages, by stopping and locking out crusher; anticipating sudden movement of crusher and/or feed; and following special procedures when bridging occurs to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5048.08 Lock out and tag electrical equipment, for repair or maintenance, by isolating the power supply; ensuring 'start/stop' switch is disconnected; shutting off breaker; attaching isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5048.09 Lock out and tag diesel equipment, by isolating the power supply; ensuring clutch is locked out and 'start/stop' switch is disconnected; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5048.10 Perform maintenance on crusher, by locking out and tagging equipment; adjusting fluid levels and drive belts; lubricating components; and removing excess spills according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5048.0 OPERATE STATIONARY CRUSHER - Cont'd

U5048.11 Shut down crusher, in an emergency situation, including: fire and injury, by depressing stop button/switch; deactivating related systems; and/or following other emergency procedures; and reporting incident according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5048.12 Shut down crusher, in a normal situation, by communicating readiness to shut down; deactivating related systems; shutting down or deactivating in sequence; emptying crusher; draining air tanks; and depressing stop button according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5049.0 OPERATE PORTABLE SCREEN

GENERAL PERFORMANCE OBJECTIVE

Operate portable screen, by inspecting the workplace for hazardous and/or potentially hazardous conditions; setting up and securing screen; conducting pre-operational checks; starting up screen; conducting operational checks; operating screen; locking out and tagging equipment; removing blockages; performing maintenance on screen; and shutting down and moving screen.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5049.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5049.02 Set up and secure portable screen, by securing a firm and even base; and ensuring clearance for equipment and components according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5049.0 OPERATE PORTABLE SCREEN - Cont'd

U5049.03 Conduct pre-operational checks on portable screen, by using personal protective equipment; ensuring guards are in place and secure; ensuring fire extinguisher(s) are in place and operational; checking drive belts and screen; checking hangers/cables; checking dust seals, feed and discharge points; checking shaft covers, screens and superstructure; communicating readiness to start up; checking hoses; assessing the severity of defects; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5049.04 Start up the screen, by ensuring related systems are activated in sequence; and activating start button/switch according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5049.05 Conduct operational checks on portable screen, by listening for unusual noises; checking for unusual smells; checking control switches; ensuring covers are tight and secure; assessing severity of defects; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5049.06 Operate screen, by working from a safe location; relocating discharge points; ensuring minimal spills; checking size and separation of feed; and completing report/log according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5049.0 OPERATE PORTABLE SCREEN - Cont'd

U5049.07 Lock out and tag electrical equipment, for repair or maintenance, by isolating power supply; ensuring 'start/stop' switch is disconnected; shutting off breaker; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5049.08 Lock out and tag portable diesel equipment, by isolating the power supply; ensuring clutch is locked out and 'start/stop' switch is disconnected; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5049.09 Remove blockages, by shutting down and locking out screen operation; and anticipating sudden movement of screen, components and/or feed according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5049.10 Perform maintenance on screen, by locking out and tagging equipment; changing components including: screen cloth, side plates and drive belts; lubricating components; and removing excess spills according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5049.0 OPERATE PORTABLE SCREEN - Cont'd

U5049.11 Shut down screen, in an emergency situation, including: fire and injury, by depressing stop button/switch; deactivating related systems; and/or following other emergency procedures; and reporting incident to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5049.12 Shut down screen, in a normal situation, by communicating readiness to shut down; shutting down or deactivating related systems in sequence; and emptying screen; and depressing stop button according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5049.13 Move screen and components to new location, by ensuring the screen is empty; disconnecting power; locking wheels in position; and seeking assistance according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5050.0 OPERATE STATIONARY SCREEN

GENERAL PERFORMANCE OBJECTIVE

Operate stationary screen, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; starting up screen; conducting operational checks; operating screen; locking out and tagging equipment; removing blockages; performing maintenance; and shutting down screen.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5050.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5050.02 Conduct pre-operational checks on stationary screen, by using personal protective equipment; ensuring guards are in place and secure; ensuring fire extinguisher(s) are in place and operational; checking drive belts and screen; checking hangers/cables; checking dust seals, feed and discharge points; checking shaft cover, screen and superstructure; communicating readiness to start up; checking hoses; assessing the severity of defects; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5050.0 OPERATE STATIONARY SCREEN - Cont'd

U5050.03 Start up screen, by ensuring related systems activated in sequence; and activating start button/switch according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5050.04 Conduct operational checks on stationary screen, by listening for unusual noises; checking for unusual smells; checking control switches; ensuring covers are tight and secure; assessing severity of defects; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5050.05 Operate screen, by working from a safe location; relocating discharge points; ensuring minimal spills; checking size and separation of feed; and completing report/log according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5050.06 Lock out and tag electrical equipment, for repair or maintenance, by isolating power supply; ensuring 'start/stop' switch is disconnected; shutting off breaker; attaching lock to isolation bar or scissor; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5050.0 OPERATE STATIONARY SCREEN - Cont'd

U5050.07 Lock out and tag diesel equipment, by isolating the power supply; ensuring clutch is locked out and 'start/stop' switch is disconnected; attaching lock to isolation bar or scissors; and tagging according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5050.08 Remove blockages, by shutting down and locking out screen operation; and anticipating sudden movement of screen, components and/or feed according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5050.09 Perform maintenance on screen, by locking out and tagging equipment; changing components, including: screen cloth, side plates and drive belts; lubricating components; and removing excess spills according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5050.10 Shut down screen, in an emergency situation, including: fire and injury, by depressing stop button or switch; deactivating related systems; and/or following other emergency procedures; and reporting incident to ensure safety of self and others according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5050.0 OPERATE STATIONARY SCREEN - Cont'd

U5050.11 Shut down screen, in a normal situation, by communicating readiness to shut down; shutting down or deactivating related systems in sequence; emptying screen; and depressing stop button according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____
	Employer's Name	**Employer's Signature**
	_____	_____

U5051.0 OPERATE GENERATOR OVER 10 kVA

GENERAL PERFORMANCE OBJECTIVE

Operate generator, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; operating generator; conducting operational checks; shutting down and refueling generator.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5051.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5051.02 Conduct pre-operational checks on generator, using personal protective equipment, by checking fuel tank level; checking lubricant levels; ensuring fire extinguisher(s) are place and operational; setting up and ensuring equipment is secure and on an even base; checking wires and grounding; checking belts and hoses; checking direction of exhaust flow; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5051.0 OPERATE GENERATOR OVER 10 kVA - Cont'd

U5051.03 Operate generator, by disconnecting load; monitoring ventilation levels; and starting up motor or engine according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5051.04 Conduct operational checks on generator, by listening for unusual noises; checking for unusual smells; checking for vibrations; monitoring generator gauges; ensuring lubricants and fluids are at required levels; checking direction of exhaust flow; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5051.05 Shut down generator, in an emergency situation, including: fire and injury, by shutting off motor/engine, and/or fuel supply; and following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5051.06 Shut down generator, in a normal situation, by ensuring related equipment is shut down first; and shutting off motor/engine and/or fuel supply according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5051.0 OPERATE GENERATOR OVER 10 kVA - Cont'd

U5051.07 Refuel generator, by shutting off generator and related equipment; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____
	Employer's Name	Employer's Signature
	_____	_____

U5052.0 OPERATE PORTABLE PUMP

GENERAL PERFORMANCE OBJECTIVE

Operate pump, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; setting up, starting up pump and operating pump; monitoring pump; shutting down pump and refueling pump.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____

Worker/Trainee's Name (print) _____

SKILLS

U5052.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment, by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5052.02 Conduct pre-operational checks on pump, by checking fuel tank and fluid levels; connecting and checking plugs, belts and hoses; and inspecting casing and safety devices; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5052.03 Set-up pump, by checking position and condition of intake and discharge hose; inspecting pressure switch; and checking direction of exhaust flow according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5052.0 OPERATE PORTABLE PUMP - Cont'd

U5052.04 Start up the pump, by priming equipment; activating start button/switch, and/or pull cord; and checking discharge pressure according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5052.05 Operate pump, by controlling rate and direction of flow from discharge lines according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5052.06 Monitor pump operation, by checking for excessive vibration; listening for unusual noises; checking for unusual smells; checking for leaks; checking switches for build-up and/or obstructions; checking lubrication levels; assessing severity of defects; and taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5052.07 Shut down pump, by shutting off motor/engine and/or fuel supply; and following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5052.0 OPERATE PORTABLE PUMP - Cont'd

U5052.08 Refuel pump, by monitoring ventilation levels; shutting off equipment; maintaining area free of smoking; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____
	Employer's Name	Employer's Signature
	_____	_____

U5053.0 OPERATE COMPRESSOR

GENERAL PERFORMANCE OBJECTIVE

Operate compressor, by inspecting the workplace for hazardous and/or potentially hazardous conditions; conducting pre-operational checks; starting up compressor; conducting operational checks; shutting down and refueling compressor.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____ Worker/Trainee's Name (print) _____

SKILLS

U5053.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment, by removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5053.02 Conduct pre-operational checks on compressor, using personal protective equipment, by checking fluids and lubricant levels; ensuring fire extinguisher(s)are in place and operational; ensuring set-up is secure and on an even base; checking hoses, belts, couplings and guards; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5053.03 Start up the compressor, by ensuring adequate ventilation and lighting; and starting up motor/engine according to safety legislation, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5053.0 OPERATE COMPRESSOR - Cont'd

U5053.04 Conduct operational checks on compressor, by listening for unusual noises; checking for unusual smells; checking for excessive vibrations; checking lubricant and fluid levels; checking for air leaks; monitoring gauges; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5053.05 Shut down compressor, in an emergency situation, including: fire and injury by shutting off compressor; reporting incident; and/or following other emergency procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5053.06 Shut down compressor, in a normal situation, by deactivating stop switch/button; opening valve to drain tank; checking that water and air are out of compressor and lines; draining lines before disconnection; disconnecting hoses; checking and storing lines according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5053.07 Refuel compressor, by monitoring ventilation levels; shutting off compressor; maintaining area free of smoking and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____
	Employer's Name	Employer's Signature
	_____	_____

U5054.0 OPERATE HYDRAULIC DRILL

GENERAL PERFORMANCE OBJECTIVE

Operate hydraulic drill, by inspecting the workplace for hazardous and/or potentially hazardous conditions; laying out drill pattern; conducting pre-operational checks; setting up drill; conducting operational checks; traveling drill to the job site; starting up drill and drilling bench; inspecting drilling accuracy; changing and maintaining drill steel and attachments; refueling drill; performing maintenance; dismantling drilling equipment and documenting drill operation.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____

Worker/Trainee's Name (print) _____

SKILLS

U5054.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment and electrical storms by removing hazards and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.02 Lay out drill pattern, by determining surface to be drilled; preparing bench; extending air and water services; checking for and handling bootlegs or missed holes; and marking burden and spacing according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.0 OPERATE HYDRAULIC DRILL - Cont'd

U5054.03 Conduct pre-operational checks on carrier, drill and attachments, using personal protective equipment, by ensuring fire extinguisher(s) are in place and operational; checking boom(s), pins, belts and hoses; ensuring moisture is drained from air system; ensuring water is drained from compressor; checking drill steel and centralizer; checking boom, drill and cable reels; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.04 Set up drill, by locating and securing drill from the face, and on line and grade; ensuring stabilizers are fully extended and down; connecting hoses and power supply; ensuring safety devices are in place; and checking lubricant according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.05 Conduct operational checks on carrier, drill and attachments, by listening for unusual noises; checking for unusual smells; checking for leaks; ensuring stable footing; inspecting attachments, including: carousels and cables; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.06 Travel drill to the job site, by following designated travel route; observing speed limits and signals; travelling up-grade and down-grade; and staying clear of pedestrian and vehicular traffic and obstacles according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.0 OPERATE HYDRAULIC DRILL - Cont'd

U5054.07 Start up the drill, by activating power supply according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.08 Drill bench, to specified depths, by staying on line and grade; following the layout; handling bootlegs; monitoring feed pressure; noting and reporting significant increases in rates of penetration; and maintaining secure drilling set-up according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.09 Inspect drilling, for accuracy to design, by measuring depth of drill holes, burden, spacing and inclination; and taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.10 Change and maintain drill steel and attachments, according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.11 Refuel drill, by monitoring ventilation levels; shutting off and cooling compressor; maintaining area free of smoking; and preventing spills or damage to the environment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.0 OPERATE HYDRAULIC DRILL - Cont'd

U5054.12 Perform maintenance on drill, by maintaining tracks; checking fluids, belts and hoses; checking dust and suppression systems; checking masks; inspecting lubricating equipment and attachments; and completing maintenance and/or deficiency report according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.13 Dismantle drilling equipment, by ensuring all hoses are discharged before disconnecting; disconnecting, coiling and stowing hoses; and stowing steels and attachments according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5054.14 Document drill operation, by completing clear and concise reports including: drill records, pre/post drill reports, and repair or maintenance reports according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5055.0 HANDLE BLASTING AGENTS, EXPLOSIVES AND DETONATORS

GENERAL PERFORMANCE OBJECTIVE

Handle blasting agents, explosives and detonators, by preparing and transporting blasting agents, explosives and detonators; storing blasting agents, explosives and detonators and working and traveling in the blasting area. NOTE: Workers/trainees must have a thorough understanding of all applicable acts and legislation pertaining to blasting prior to completing this module.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____

Worker/Trainee's Name (print) _____

SKILLS

U5055.01 Prepare blasting agents, explosives and detonators, for loading onto carrier, by maintaining area within meters of blasting agents, explosives and detonators free of smoking, fire or open flame; lifting material to be moved; following lifting procedures; and reporting amount of blasting agents, explosives and detonators according to safety legislation, mining regulations, the Explosives Act of Canada, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5055.02 Transport blasting agents, explosives and detonators, by ensuring transporting vehicle is in good condition; ensuring placards and/or signals are in place; selecting proper containers; placing and securing blasting agents, explosives and detonators; ensuring required separation; travelling designated travel route; and observing speed limits according to safety legislation, mining regulations, the Explosives Act of Canada, company standards and manufacturer specifications.

Date Completed _____ Instructor's Signature _____ Worker/Trainee's Signature _____

U5055.0 **HANDLE BLASTING AGENTS, EXPLOSIVES AND DETONATORS** - Cont'd

U5055.03 Store blasting agents, explosives and detonators, by using approved storage area; following rotation procedure including: first in first out; storing required amount of materials in each magazine; maintaining storage area clear; observing limitations; securing and locking storage magazine; reporting amount of blasting agents, explosives, and detonators stored according to safety legislation, mining regulations, the Explosives Act of Canada, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5055.04 Work and travel in area of blast, by obeying instructions of the guard; observing guarding procedures; vacating area of blast; waiting prescribed time after the blast before re-entering area; and staying at the post if employed as a guard until instructed otherwise by person in charge of blast according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5056.0 BLAST ROCK

GENERAL PERFORMANCE OBJECTIVE

Blast rock, by inspecting the workplace for hazardous and/or potentially hazardous conditions; guarding area; measuring depth of drill holes; de-watering holes; selecting and handling explosives; loading and connecting the blast; starting up warning and communicating readiness to blast; ensuring blasting area is clear; initiating blast; conducting post-firing checks and documenting blast. NOTE: Workers/trainees must have a thorough understanding of all applicable acts and legislation pertaining to blasting prior to completing this module.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____

Worker/Trainee's Name (print) _____

SKILLS

U5056.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment and electrical storms by removing hazards and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.02 Guard area, by instructing and placing guards; clearing area of personnel and general public; and locating and protecting equipment according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.0 **BLAST ROCK** - Cont'd

U5056.03 Measure depth of drill holes, in preparation for loading, by inspecting for burden, spacing and inclination; and taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.04 De-water holes, by pumping and/or blowing to ensure blast hole preparation according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.05 Select type and quantity of explosive materials, for the job, to ensure breakage of material/rock according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.06 Handle detonators, blasting caps, primers, packaged explosives, and bulk explosives according to safety legislation, mining regulations, the Explosives Act of Canada, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.07 Load the blast, by following the blast design; laying out detonators; preparing primers; loading hole(s); measuring collars(s); testing holes; stemming holes and decking according to safety legislation, mining regulations, the Explosives Act of Canada, company standards and manufacturer specifications

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.0 BLAST ROCK - Cont'd

U5056.08 Inspect detonators and lines, to ensure proper and secure connections according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.09 Connect blast, by ensuring circuit integrity; removing and storing surplus explosives, and/or blasting materials; and installing seismic recorders according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.10 Start up warning and communicate readiness to blast according to safety legislation and company standards.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.11 Ensure blast area is clear, of people and equipment according to safety legislation and company standards.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.12 Initiate blast according to safety legislation and company standards.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.0 BLAST ROCK - Cont'd

U5056.13 Conduct post-firing checks, by confirming detonation; waiting prescribed re-entry time; checking for and identifying missed holes, overhangs and back break; taking corrective action; sounding the "all clear"; and removing barricades according to safety legislation and company standards.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5056.14 Document blast, by recording data including: design data for the blast, date, time, location, weather conditions, amount and type of blasting materials used according to safety legislation and company standards.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

U5057.0 OPERATE FLAME CUTTING EQUIPMENT

GENERAL PERFORMANCE OBJECTIVE

Operate flame cutting equipment, by inspecting the workplace for hazardous and/or potentially hazardous conditions; handling, loading and assembling flame cutting equipment; conducting pre-operational checks on equipment; preparing workplace; operating flame cutting equipment; shutting down, removing, transporting and storing flame cutting equipment.

PERFORMANCE OBJECTIVES

Instructor's Name (print) _____

Worker/Trainee's Name (print) _____

SKILLS

U5057.01 Inspect the workplace for hazardous and/or potentially hazardous conditions, including: unauthorized personnel and/or equipment by ensuring hot work permit was obtained; removing and/or guarding hazards and/or potential hazards according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5057.02 Handle and load flame cutting equipment and supplies, in preparation for transport, by ensuring valve protection cap is in place and secure; rolling cylinders on bottom edge; loading and securing equipment and supplies on transport vehicle; and securing cylinders upright according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5057.0 OPERATE FLAME CUTTING EQUIPMENT - Cont'd

U5057.03 Assemble flame cutting equipment, by ensuring correct size and types of tips; connecting regulators, hoses and torches; ensuring connections are tight, leak proof, and conform to colour code; leaving key wrenches in cylinders being used; and cracking cylinder valves according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5057.04 Conduct pre-operational checks on equipment, by ensuring fire extinguisher(s) are in place and operational; ensuring connections are tight and leak proof; checking cylinders are secure; checking hoses; following handling procedures; removing combustibles from work area; reporting deficiencies; and/or taking corrective action according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5057.05 Prepare workplace, using personal protective equipment, by monitoring ventilation and lighting; removing and/or wetting down combustibles; and ensuring water is available for post-flame cutting fire prevention according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5057.06 Operate flame cutting equipment, by working from a safe location; positioning and securing equipment; ensuring tip is clean; purging equipment prior to lighting; igniting tip; monitoring flame; and ensuring required oxygen and fuel pressure(s) according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5057.0 OPERATE FLAME CUTTING EQUIPMENT - Cont'd

U5057.07 Shut down flame cutting equipment, by closing oxygen/acetylene cylinder valves in sequence; releasing pressure from oxygen hose and regulator; opening acetylene valve on torch to release pressure from hose and regulator; securing valve protection caps; wetting down cutting and adjacent areas; reporting defects and following "hot work" procedures according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5057.08 Remove and transport flame cutting equipment and supplies, by ensuring valve protection cap in place and secure; rolling cylinders on bottom edge; securing cylinders upright; loading, balancing and securing flame cutting equipment and supplies on transport; and unloading flame cutting equipment and supplies according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

U5057.09 Store flame cutting equipment and supplies, by unloading equipment and supplies; returning them to storage; and reporting defects according to safety legislation, company standards and manufacturer specifications.

Date Completed	Instructor's Signature	Worker/Trainee's Signature
_____	_____	_____

Employer's Name	Employer's Signature
_____	_____

AREAS OF COMPETENCY

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COMPETENCY ANALYSIS PROFILE
SURFACE MINER
ON-THE-JOB TRAINING STANDARDS

⇐SKILLS⇒

WORK SAFELY IN THE JOB ENVIRONMENT **U5030.0**	Wear, adjust and maintain personal protective equipment. 5030.01	Wear, adjust and maintain fall arrest systems. 5030.02	Deal with hazardous or potentially hazardous conditions in the work place. 5030.03	Work safely around hazardous materials. 5030.04	Manually lift and carry materials and/or supplies. 5030.05
	Work around quarry drilling equipment and components. 5030.06	Work around mobile equipment. 5030.07	Operate communication equipment. 5030.08	Work from elevated work stations. 5030.09	Work in elevated areas. 5030.10
	Work in and around water. 5030.11	Practise good housekeeping. 5030.12	Work around stationary and portable equipment. 5030.13	Work around operating conveyor(s). 5030.14	Follow company emergency procedures. 5030.15
	Perform traffic control. 5030.16				
LOCK OUT AND TAG EQUIPMENT AND ENERGY **U5031.0**	Lock out and tag electrical equipment. 5031.01	Lock out and tag mobile or portable equipment. 5031.02	Lock out and tag stored energy. 5031.03	Lock out and tag potential energy. 5031.04	
OPERATE HAND AND POWER TOOLS **U5032.0**	Operate hand tools. 5032.01	Maintain and store hand tools. 5032.02	Inspect and set up electrically powered hand tools. 5032.03	Operate electrically powered hand tools. 5032.04	Maintain and store electrically powered hand tools. 5032.05
	Inspect and set up pneumatic and/or hydraulic hand tools. 5032.06	Operate pneumatic and/or hydraulic hand tools. 5032.07	Maintain and store pneumatic and/or hydraulic hand tools. 5032.08		

AREAS OF COMPETENCY

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COMPETENCY ANALYSIS PROFILE
SURFACE MINER
ON-THE-JOB TRAINING STANDARDS
⇐SKILLS⇒

OPERATE ELEVATING WORK PLATFORM (SCISSOR LIFT) U5033.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5033.01	Set up and secure elevating work platform (scissor lift). 5033.02	Conduct pre-operational checks on the elevating work platform (scissor lift). 5033.03	Mount/Dismount elevating work platform (scissor lift). 5033.04	Conduct operational checks on the elevating work platform (scissor lift). 5033.05
	Access personnel platform. 5033.06	Operate upper aerial controls. 5033.07	Work from the platform. 5033.08	Refuel elevating work platform (scissor lift). 5033.09	Shut down elevating work platform (scissor lift). 5033.10
	Secure lifting device. 5033.11				
OPERATE HYDRAULIC EXCAVATOR U5034.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5034.01	Conduct pre-operational checks on hydraulic excavator. 5034.02	Mount/Dismount hydraulic excavator. 5034.03	Conduct operational checks hydraulic excavator. 5034.04	Travel hydraulic excavator to the job site. 5034.05
	Operate hydraulic excavator. 5034.06	Load haulage vehicle. 5034.07	Shut down hydraulic excavator in an emergency situation. 5034.08	Shut down hydraulic excavator in a normal situation. 5034.09	Refuel hydraulic excavator. 5034.10
	Perform minor maintenance and adjustments on the hydraulic excavator. 5034.11				
OPERATE SKID STEER U5035.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5035.01	Conduct pre-operational checks on skid steer. 5035.02	Mount/Dismount skid steer. 5035.03	Conduct operational checks on skid steer. 5035.04	Travel skid steer to the job site. 5035.05

AREAS OF COMPETENCY

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COMPETENCY ANALYSIS PROFILE
SURFACE MINER
ON-THE-JOB TRAINING STANDARDS

⇐SKILLS⇒

	Operate skid steer. 5035.06	Shut down skid steer in an emergency situation. 5035.07	Shut down skid steer in a normal situation. 5035.08	Refuel skid steer. 5035.09	Perform minor maintenance and adjustments on the skid steer. 5035.10
OPERATE BULLDOZER U5036.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5036.01	Conduct pre-operational checks on bulldozer. 5036.02	Mount/Dismount bulldozer. 5036.03	Conduct operational checks on bulldozer. 5036.04	Travel bulldozer to the job site. 5036.05
	Operate bulldozer. 5036.06	Shut down bulldozer in an emergency situation. 5036.07	Shut down bulldozer in a normal situation. 5036.08	Refuel bulldozer. 5036.09	Perform minor maintenance and adjustments on the bulldozer. 5036.10
OPERATE SCRAPER U5037.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5037.01	Conduct pre-operational checks on scraper. 5037.02	Mount/Dismount scraper. 5037.03	Conduct operational checks on scraper. 5037.04	Travel scraper to the job site. 5037.05
	Operate scraper. 5037.06	Shut down scraper in an emergency situation. 5037.07	Shut down scraper in a normal situation. 5037.08	Refuel scraper. 5037.09	Perform minor maintenance and adjustments on the scraper. 5037.10
OPERATE GRADER U5038.0	Inspect the workplace for hazardous and/or potentially hazardous conditions 5038.01	Conduct pre-operational checks on grader. 5038.02	Mount/Dismount grader. 5038.03	Conduct operational checks on grader. 5038.04	Travel grader to the job site. 5038.05
	Operate grader. 5038.06	Operate grader to maintain road conditions. 5038.07	Shut down grader in an emergency situation. 5038.08	Shut down grader in a normal situation. 5038.09	Refuel grader. 5038.10

AREAS OF COMPETENCY

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COMPETENCY ANALYSIS PROFILE
SURFACE MINER
ON-THE-JOB TRAINING STANDARDS
⇐SKILLS⇒

	Perform minor maintenance and adjustments on the grader. 5038.11				
OPERATE FRONT END LOADER **U5039.0**	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5039.01	Conduct pre-operational checks on front end loader. 5039.02	Mount/Dismount front end loader. 5039.03	Conduct operational checks on front end loader. 5039.04	Travel front end loader to the job site. 5039.05
	Operate front end loader. 5039.06	Load bucket. 5039.07	Load haulage vehicle. 5039.08	Operate front end loader to stockpile materials. 5039.09	Operate front end loader to maintain road conditions. 5039.10
	Shut down front end loader in an emergency situation. 5039.11	Shut down front end loader in a normal situation. 5039.12	Refuel front end loader. 5039.13	Perform minor maintenance and adjustments on the front end loader. 5039.14	
OPERATE FUEL TRUCK **U5040.0**	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5040.01	Conduct pre-operational checks on fuel truck. 5040.02	Mount/Dismount fuel truck. 5040.03	Conduct operational checks on fuel truck. 5040.04	Travel fuel truck to the job site. 5040.05
	Transfer fuel to equipment. 5040.06	Shut down fuel truck in an emergency situation. 5040.07	Shut down the fuel truck in a normal situation. 5040.08	Refuel fuel truck. 5040.09	Perform minor maintenance and adjustments on the fuel truck. 5040.10
OPERATE SERVICE VEHICLE **U5041.0**	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5041.01	Conduct pre-operational checks on service vehicle. 5041.02	Mount/Dismount service vehicle. 5041.03	Conduct operational checks on service vehicle. 5041.04	Travel service vehicle to the job site. 5041.05

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COMPETENCY ANALYSIS PROFILE
SURFACE MINER
ON-THE-JOB TRAINING STANDARDS
⇐SKILLS⇒

	Transport materials and/or personnel. 5041.06	Shut down service vehicle in an emergency situation. 5041.07	Shut down the service vehicle in a normal situation. 5041.08	Refuel service vehicle. 5041.09	Perform minor maintenance and adjustments on the service vehicle. 5041.10
OPERATE HAULAGE TRUCK U5042.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5042.01	Conduct pre-operational checks on haulage truck. 5042.02	Mount/Dismount haulage truck. 5042.03	Conduct operational checks on haulage truck. 5042.04	Travel haulage truck to the job site. 5042.05
	Load haulage truck. 5042.06	Haul load. 5042.07	Dump load. 5042.08	Shut down haulage truck in an emergency situation. 5042.09	Shut down a haulage truck in a normal situation. 5042.10
	Refuel haulage truck. 5042.11	Perform minor maintenance and adjustments on haulage truck. 5042.12			
OPERATE WATER TRUCK U5043.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5043.01	Conduct pre-operational checks on water truck. 5043.02	Mount/Dismount water truck. 5043.03	Conduct operational checks on water truck. 5043.04	Drive water truck to the job site 5043.05
	Operate water truck **5043.06**	Shut down water truck in an emergency situation. 5043.07	Shut down water truck in a normal situation. 5043.08	Refuel water truck. 5043.09	Perform minor maintenance and adjustments on water truck. 5043.10

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COMPETENCY ANALYSIS PROFILE
SURFACE MINER
ON-THE-JOB TRAINING STANDARDS
⇐SKILLS⇒

OPERATE FORK LIFT **U5044.0**	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5044.01	Conduct pre-operational checks on fork lift. 5044.02	Mount/Dismount fork lift. 5044.03	Conduct operational checks on fork lift. 5044.04	Travel fork lift to the job site. 5044.05
	Operate fork lift. 5044.06	Transport materials and equipment. 5044.07	Unload materials and equipment. 5044.08	Shut down fork lift in an emergency situation. 5044.09	Shut down fork lift in a normal situation. 5044.10
	Refuel fork lift. 5044.11	Perform minor maintenance and adjustments on fork lift. 5044.12			
OPERATE PORTABLE CONVEYOR **U5045.0**	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5045.01	Set up and secure portable conveyor. 5045.02	Conduct pre-operational checks on conveyor. 5045.03	Perform maintenance on non-moving conveyor. 5045.04	Start up the conveyor. 5045.05
	Train and/or adjust belt on moving conveyor. 5045.06	Conduct operational checks on conveyor and components. 5045.07	Convey materials 5045.08	Remove blockages 5045.09	Lock out and tag electrical equipment. 5045.10
	Lock out and tag portable diesel equipment. 5045.11	Shut down conveyor in emergency situation. 5045.12	Shut down conveyor in a normal situation. 5045.13	Move conveyor and components to new location. 5045.14	

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COMPETENCY ANALYSIS PROFILE
SURFACE MINER
ON-THE-JOB TRAINING STANDARDS

⇐SKILLS⇒

OPERATE STATIONARY AND RADIAL STACKER CONVEYOR U5046.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5046.01	Conduct pre-operational checks on stacker conveyor. 5046.02	Perform maintenance on non-moving stacker conveyor. 5046.03	Start up the stacker conveyor. 5046.04	Conduct operational checks on stacker conveyor and components. 5046.05
	Convey materials. 5046.06	Train and/or adjust belt on moving stacker conveyor. 5046.07	Remove blockages. 5046.08	Lock out and tag diesel equipment. 5046.09	Lock out and tag electrical equipment. 5046.10
	Shut down stacker conveyor in an emergency situation. 5046.11	Shut down stacker conveyor in a normal situation. 5046.12	Move or adjust stacker conveyor. 5046.13	Perform maintenance on non-moving stacker conveyor. 5046.14	
OPERATE PORTABLE CRUSHER U5047.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5047.01	Set up and secure portable crusher. 5047.02	Conduct pre-operational checks on portable crusher. 5047.03	Start up the crusher. 5047.04	Conduct operational checks on portable crusher. 5047.05
	Operate crusher. 5047.06	Adjust crusher components. 5047.07	Remove blockages. 5047.08	Lock out and tag electrical equipment. 5047.09	Lock out and tag portable diesel equipment. 5047.10
	Perform maintenance on crusher. 5047.11	Shut down crusher in an emergency situation. 5047.12	Shut down crusher in a normal situation. 5047.13	Move crusher and components to new location. 5047.14	
OPERATE STATIONARY CRUSHER U5048.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5048.01	Conduct pre-operational checks on crusher. 5048.02	Start up the crusher. 5048.03	Conduct operational checks on crusher. 5048.04	Operate crusher. 5048.05

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⇐SKILLS⇒

	Adjust crusher components. 5048.06	Remove blockages. 5048.07	Lock out and tag electrical equipment. 5048.08	Lock out and tag diesel equipment. 5048.09	Perform maintenance on crusher. 5048.10
	Shut down crusher in an emergency situation. 5048.11	Shut down crusher in a normal situation. 5048.12			
OPERATE PORTABLE SCREEN U5049.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5049.01	Set up and secure portable screen. 5049.02	Conduct pre-operational checks on portable screen. 5049.03	Start up the screen. 5049.04	Conduct operational checks on portable screen. 5049.05
	Operate screen. 5049.06	Lock out and tag electrical equipment. 5049.07	Lock out and tag portable diesel equipment. 5049.08	Remove blockages. 5049.09	Perform maintenance on screen. 5049.10
	Shut down screen in an emergency situation. 5049.11	Shut down screen in a normal situation. 5049.12	Move screen and components to new location. 5049.13		
OPERATE STATIONARY SCREEN U5050.0	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5050.01	Conduct pre-operational checks on stationary screen. 5050.02	Start up screen. 5050.03	Conduct operational checks on stationary screen. 5050.04	Operate screen. 5050.05
	Lock out and tag electrical equipment. 5050.06	Lock out and tag diesel equipment. 5050.07	Remove blockages. 5050.08	Perform maintenance on screen. 5050.09	Shut down screen in an emergency situation. 5050.10

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COMPETENCY ANALYSIS PROFILE
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⇐SKILLS⇒

	Shut down screen in a normal situation. 5050.11				
OPERATE GENERATOR OVER 10 kVA **U5051.0**	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5051.01	Conduct pre-operational checks on generator. 5051.02	Operate generator. 5051.03	Conduct operational checks on generator. 5051.04	Shut down generator in an emergency situation. 5051.05
	Shut down generator in a normal situation. 5051.06	Refuel generator. 5051.07			
OPERATE PORTABLE PUMP **U5052.0**	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5052.01	Conduct pre-operational checks on pump. 5052.02	Set-up pump. 5052.03	Start up the pump. 5052.04	Operate pump. 5052.05
	Monitor pump operation. 5052.06	Shut down pump. 5052.07	Refuel pump. 5052.08		
OPERATE COMPRESSOR **U5053.0**	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5053.01	Conduct pre-operational checks on compressor. 5053.02	Start up the compressor. 5053.03	Conduct operational checks on compressor. 5053.04	Shut down compressor in an emergency situation. 5053.05
	Shut down compressor in a normal situation. 5053.06	Refuel compressor. 5053.07			

AREAS OF COMPETENCY

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COMPETENCY ANALYSIS PROFILE
SURFACE MINER
ON-THE-JOB TRAINING STANDARDS
⇐SKILLS⇒

OPERATE HYDRAULIC DRILL **U5054.0**	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5054.01	Lay out drill pattern. 5054.02	Conduct pre-operational checks on carrier, drill and attachments. 5054.03	Set up drill. 5054.04	Conduct operational checks on carrier, drill and attachments. 5054.05
	Travel drill to the job site. 5054.06	Start up the drill. 5054.07	Drill bench. 5054.08	Inspect drilling. 5054.09	Change and maintain drill steel and attachments. 5054.10
	Refuel drill. 5054.11	Perform maintenance on drill. 5054.12	Dismantle drilling equipment. 5054.13	Document drill operation. 5054.14	
HANDLE BLASTING AGENTS, EXPLOSIVES AND DETONATORS **U5055.0**	Prepare blasting agents, explosives and detonators for loading onto carrier. 5055.01	Transport blasting agents, explosives and detonators. 5055.02	Store blasting agents, explosives and detonators. 5055.03	Work and travel in area of blast. 5055.04	
BLAST ROCK **5056.0**	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5056.01	Guard area. 5056.02	Measure depth of drill holes 5056.03	De-water holes. 5056.04	Select type and quantity of explosive materials for the job. 5056.05
	Handle detonators, blasting caps, primers, packaged explosives, and bulk explosives. 5056.06	Load the blast. 5056.07	Inspect detonators and lines. 5056.08	Connect blast. 5056.09	Start up warning and communicate readiness to blast. 5056.10
	Ensure blast area is clear. 5056.11	Initiate blast. 5056.12	Conduct post-firing checks. 5056.13	Document blast. 5056.14	

AREAS OF COMPETENCY

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COMPETENCY ANALYSIS PROFILE
SURFACE MINER
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⇐SKILLS⇒

OPERATE FLAME CUTTING EQUIPMENT **U5057.0**	Inspect the workplace for hazardous and/or potentially hazardous conditions. 5057.01	Handle and load flame cutting equipment and supplies. 5057.02	Assemble flame cutting equipment. 5057.03	Conduct pre-operational check on equipment. 5057.04	Prepare workplace. 5057.05
	Operate flame cutting equipment. 5057.06	Shut down flame cutting equipment. 5057.07	Remove and transport flame cutting equipment and supplies. 5057.08	Store flame cutting equipment and supplies. 5057.09	